

## REMARKS/ARGUMENTS

Claims 1 and 3 stand rejected under 35 U.S.C. 102(b) as being anticipated by Yagi.

For a 102(b) reference to be valid each and every element of the claim must be found in the reference. Claim 1 of the instant invention claims a PNP transistor. The reference cited by the examiner shows and describes a NPN transistor. There is a general reference to a PNP transistor but no elements of the PNP transistor are described. Such a general reference does not satisfy the requirements of 102(b). Furthermore Claim 1 comprises the limitation of emitter and base diffusions jointly defining an emitter:base ratio of near-junction dopants, measured at 75% and 125% of the emitter-base junction depth, which is greater than two to one. In describing this element the examiner makes a vague reference to columns 2 and 3 of the Yagi patent. In fact there is no such description in the Yagi patent. If the examiner maintains that the Yagi patent discloses the claimed feature of the instant invention then the examiner is requested to point to the columns and the lines that disclose the above described limitation. There is no such description in the Yagi patent and claim 1 is allowable over the cited art. Claim 3 depends on claim 1 and contains the limitations of claim 1. Claim 3 is also allowable over the cited art.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicants petition for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including

extension of time fees, to the deposit account of Texas Instruments Incorporated,  
Account No. 20-0668.

Respectfully submitted,



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